

BOERESCU, G.P.

Directing the transverse sections. Rev transport 8 no. 7:287-
292 J1 '61.

BOERESCU, G. P.

From the experiences of the hydrotopographic measurements on the
Danube River. Rev transport 8 no.11:493-498 N '61.

(Danube River—Hydrographic surveying)
(Topographical drawing)

BOERESCU, G.P.

From the experience in topographic and hydrographic measurements
made on the Danube. Rev transport 9 no.7:300-303 J1 '62.

BOERESCU, Gheorghe

From the experience of topohydrographic measurements on the
Danube. Rev transport 9 no. 11:475, 481 N 162.

BOERESCU, M., ing.

Current trends and problems of equipment in the technology of nitric acid and ammonium nitrate. Rev chimie Min petr 12 no.12:701-705 D '61.

1. Institutul de proiectare pentru industria chimica.

(Nitric acid) (Ammonium nitrate)

RANCU, N.; IRIMIE, V.; BOERIU, G.

Directing the manufacturing processes of assembling parts by
statistical mathematical methods. Metrologia apl 10 no.7:289-
297 JI '63.

VLAD, I., dr.; CURTIANU, G., dr.; BOZSODI, I., dr.; BOERIU, E., dr.;
TAUTU, M., dr.

Peritonitis in infants. (Medico-surgical observations on 33 cases. *Pediatrics* (Bucur) 14 no.2:133-142 Mr-Ap'65.

1. Lucrare efectuată în Spitalul de copii Oradea; partea medicală; partea chirurgicală (director: dr. L. Kende).

EXCERPTA MEDICA Sec.6 Vol.12/4 Internal Med. April 58

BOERIU I.

2273. POST-HEPATITIC CIRRHOSIS - Ciroza posthepatitică - Boeriu I.,
Dorian V., Hergcovici A. and Stein St. Clin. a III-a Med.
I. M. F., Cluj - MED. INTERN. (București) 1956, 8/5 (661-668)

The authors differentiate between posthepatitic cirrhosis, cirrhosis revealed by an icterus, subacute dystrophy of the liver, and chronic hepatitis. They demonstrate the possibility of the transformation of an acute hepatitis into cirrhosis, especially by liver biopsies. They studied 38 cases of cirrhosis during a period of 5 yr. In 14 they found epidemic hepatitis, in 17 alcoholism, in 10 lues as aetiological factors. There are 4 possibilities of evolution from the first hepatic episode up to the cirrhotic phase: (1) the hepatitis does not heal perfectly and minor signs of hepatic insufficiency persist, (2) transition to chronic hepatitis with recurrent icterus, (3) long period of latency (after the epidemic hepatitis) during which only hepatosplenomegaly, positive laboratory tests, biopsy or laparoscopy demonstrate the evolutiveness of hepatic damage and, (4) hypersplenism which conduces to cirrhosis. Cirrhosis is a polyaetiological manifestation and it is very important to know the signs of pre-cirrhotic stages. Epidemic hepatitis sometimes conduces without any remission to cirrhosis, but there are necessarily many other factors which induce cirrhosis such as fatigue, intoxications, various infectious diseases, vaccinations, etc.

Kraus - Arad

Lucrare facuta in Clinica a III-a medicala I. M. F. Cluj.

RUMANIA/General Problems of Pathology - Tumors. Comparative
Oncology. Tumors of Man

U

Abs Jour : Ref Zhur Biol., No 6, 1959, 27516

Author : Gligore, V., Boeru, I.

Inst : "

Title : Asymptomatic Carcinoma of the Stomach with Early
Metastasis into the Rib

Orig Pub : Chirurgia, 1957, 6, No 1, 129-132

Abstract : No abstract.

Card 1/1

- 31 -

BOERU, Iosif

With the aid of the committee of technicians and engineers. Munca
sindic 7 no.5:37-40 My '63.

1. Presedinte al comitetului sindicatului Combinatul chimic, Fagaras.

CRUSOS, G., ing.; BOERIU, I., inginer sef; ROSSIN, Eugen; BACANU, Maria, ing.
sef; CALIN, Liviu, ing.

Advanced technology and increase of labor productivity. Probleme econ
17.no.2:151-152 F 64.

1. Director, Fabrica Unirea, Iasi (for Crusos). 2. Fabrica Unirea, Iasi
(for Boeriu). 3. Director, Intreprinderile pentru Industria de Bumbac,
Bucuresti (for Rossin). 4. Director, Tesatoria Suveica, Bucuresti (for
Bacanu). 5. Tesatoria Suveica, Bucuresti (for Calin).

FAZAKAS B., dr.; BABONITS, Magdalena, dr.; KIRESTELY, I., dr.; NICOARA, I. dr.;
PEPER, M., dr.; DOMOKOS, L., dr.; INCZEFFY, Z., dr.; BOERIU, I. dr.;
KOCIS, Sofia, dr.

Contribution to the study of the distribution of helminthiasis.
Microbiologia (Bucur.) 9 no.3:217-223 My-Js '64

1. Lucrare efectuata la Institutul de medicina si farmacie din
Tirgu-Mures -- Disciplina de parazitologie, Clinica de boli in-
fectioase si Inspectia Sanitara de stat a R.M.A.M.

BOERIU, I.N., dr.; ILEA, V.dr.; SCHWARTZ, M.dr.; RANCEA, D., dr.

Electrocardiographical changes in emphysematous disease. Correlation with spirometric data. Med. intern. (Bucur.) 16 no.4: 461-468 Ap'64

1. Clinica a III-a medicala I.M.F., Cluj (director: prof. O.Fodor).

*

BOERIU, I.N., dr.; ITU, I., dr.

Observations on the diagnosis and therapy of rudimentary anterior myocardial infarct. Med.intern. (Bucur.) 16 no.11: 1347-1350 N '64

1. Lucrare efectuata in Clinica a III-a medicala , Institutul medico-farmaceutic, Cluj (director: prof. O. Fodor).

NOSSA, L., dr.; CIORBA, O., dr.; SCHMIDT, G., dr.; PETRUTIU, V., dr.;
BOERU, L., dr.

Ehlers-Danlos syndrome. Med. intern. 15 no.11:1375-1378 N '63.

1. Lucrare efectuata in Spitalul din Dej.
(EHLERS-DANLOS SYNDROME)

BOERIU, Valeriu

HORTOLONEI, N. academician.; FINGERHUT, Bruno.; PETRESCU, Valeriu.;
GHITESCU, Tiberiu.; MARINESCU-SLATINA, Dimitrie.; ~~BOERIU, Valeriu.~~

Experimental studies of renal pre-lithiasic states caused by
injection of sulfonamides, staphylococci (microbial toxins) and
sodium iodide (disorders of chemical metabolism)
Probl. ter., Bucur. Vol. 1:169-180 1954.

(KIDNEYS, calculi

pre-lithiasic states induced in dogs by inject. of
sulfonamides, sodium iodide & cultures of Micrococcus
pyogenes)

(CALCULI

renal pre-lithiasic states induced in dogs by inject.
of sulfonamides, sodium iodide & cultures of micrococcus
pyogenes)

(SULFONAMIDES, eff.

pre-lithiasic states in kidneys of dogs)

(IODIDES

sodium, inject. causing renal pre-lithiasic state in
dogs)

(MICROCOCCUS PYOGENES

toxin, inject. causing renal pre-lithiasic state in
dogs)

SCHWARTZ, J.,; MOSCOVICI, O.,; ADERCA, I.,; DANIELESCU, G.,;
DUMITRESCU, S.,; BOERU, Y.,; CAJAL, N.,; MIHAILEANU, I.

Study of the nonspecific factors which intervene in hemagglutination
reactions in epidemic hepatitis. Stud. cercet. inframicrobiol.,
Bucur. 6 no.1-2:39-50 Jan-June 55.

(HEPATITIS, INFECTIOUS, diagnosis
serodiag., hemagglut. reaction, eff. of storage &
ultraviolet light on attenuation of virus)
(HEMAGGLUTINATION
test in infect. hepatitis, eff. of storage & ultra-
violet light on virus attenuation)
(ULTRAVIOLET RAYS, eff.
on hemagglut. reaction in epidemic hepatitis)

EXCERPTA MEDICA Sec. 6 Vol. 11/11 Nov. 57

BOERU V.

6671. BOERU V., DINU I. and RĂDVAN A. *Studiul acizilor aminici în serul bolnavilor de hepatită epidemică. I. Dozarea acizilor aminici liberi. Study on amino-acids in the serum of patients suffering from epidemic hepatitis. I. Determination of free amino-acids
STUD. CERC. INFRAMICROBIOL. MICROBIOL. PARAZITOL. 1956, 7/1-2
(93-99) Graphs 1 Tables 2

A parallelism between the amino-N content of the serum and the severity of the disease was observed. It was noticed that in mild forms of epidemic hepatitis, the amino-N level was within normal limits. It was increased in certain cases of hepatitis of the moderate type and exceeded the normal limit in all cases of prolonged hepatitis. High values were observed in the severe forms and in relapses also a parallelism was noticed between the gravity of the disease and the amino-N content of the serum. (XX, 6)

RUMANIA/Virology - Viruses in Man and Animals.

E-4

Abs Jour : Ref Zhur - Biol., No 15, 1958, 66968

Author : Portocala, R., Boeru, V., Radvan, A.

Inst : -

Title : Chromatography of Amino Acids Found in the Serum of
Patients Infected with Epidemic Hepatitis.

Orig Pub : Studii si cercetari inframicrobiol., microbiol. si
parazitol., 1957, 8, No 1, 29-38.

Abstract : No abstract.

Card 1/1

Boeru V.
CAJAL, N.; TUDOR, V.; BABA, C. LITMAN, S.; ~~BOERU, V.~~

Study of the dynamics of serum aldolase activity in patients of epidemic hepatitis. Stud. cercet. inframicrobiol., Bucur. 8 no.3:335-340 1957.

1. Comunicare prezentata in sedinta Institutului de inframicrobiologie al Academiei R.P.R., din 28 aprilie 1957.

(HEPATITIS, INFECTIOUS, blood in
aldolase, diag. & progn. value of determ.)

(DESMOIASIS, in blood
aldolase, in infect. hepatitis)

BOERU, V.

PORTOGAIA, R.; BOERU, V.; CAPRARIU, R.

Studies of experimental herpetic hyperglycemia (induced hyperglycemia and hypoglycemia). Stud. cercet. inframicrobiol., Bucur. 8 no.3:341-348 1957.

(ENCEPHALITIS, experimental
herpetic, causing hyperglycemia, comparison with glucose-induced hyperglycemia & eff. of insulin)

(HERPES, virus
intracerebral inoculation causing encephalitis & hyperglycemia in rabbits, comparison with glucose-induced hyperglycemia & eff. of insulin)

(HYPERINSULINISM, experimental
eff. on exper. herpetic encephalitis)

(HYPERGLYCEMIA, experimental
induced by cerebral inoculation of herpes virus in rabbits, comparison with glucose-induced hyperglycemia)

PORTOGAIA, R.; BOERU, V.; SAMUEL, I:

Biosynthesis of Influenza Virus starting from an Ether-phenol
Virus Extract. Acta virol. Engl. Ed., Praha 3 no.3:172-174 July
1959

1. Institute of Inframicrobiology, Academy of the Rumanian People's
Republic, Bucharest.

(INFLUENZA VIRUSES, chem)
(RIBONUCLEIC ACID, chem)

ATHANASIU, P.; BOMERU, V.; DINU, I.

Study of sideremia in epidemic hepatitis. Stud. cercet. inframicrobiol., Bucur. 10 no.4:497-501 '59.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R., in sedinta din 29 aprilie 1957.
(HEPATITIS, INFECTIOUS, blood)
(IRON, blood)

PORTOCALA, R.; DUMITRESCO, S.; IONESCO, N.I.; SAMUEL, I.; BOERU, V.

Infectivity of ribonucleic acid isolated from influenza virus;
morphological aspects of the generated virus. Rev. sci. med.
5 no.3/4:227-229 '60.

(INFLUENZA VIRUSES) (RIBONUCLEIC ACID)

PORTOGALIA, R.; BOERU, V.; SAMUEL, I.

The role of ribonucleic acid in the infectivity of the influenza virus. Stud. cercet. inframicrobiol., Bucur. 11 no. 1: 41-49 '60.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. in Sesiunea stiintifica festiva din 17-18 august 1959.

(INFLUENZA VIRUSES)
(RIBONUCLEIC ACID)

BOERU, Vera

Some biochemical data on the cerebrospinal fluid and central nervous system in different microbial and viral diseases. Stud. cercet. infamicrobiol., Bucur. 11 no.1:171-172 '60.

(CEREBROSPINAL FLUID chemistry)

(CENTRAL NERVOUS SYSTEM chemistry)

(INFECTION)

(VIRUS DISEASES)

BOERU, Vera

The study of several enzymes in cultures of normal and polio-
myelitis-inoculated tissues. Stud. cercet. inframicrobiol.,
Bucur. 11 no.1:173-174 '60.
(ENZYMES chemistry)
(POLIOMYELITIS)

PORTOCALA, R.; BOERU, V.; ADERCA, I.; SAMUEL, I.

The infecting deoxyribonucleic acid isolated from adenovirus.
Studii cerc inframicrobiol Special issue-supplement to 12:253-258
'61.

1. Institutul de inframicrobiologie al Academiei R.P.R.

(ADENOVIRUS INFECTIONS)
(DEOXYRIBONUCLEIC ACID)

PORTOCALA, R.; ~~BOERU, V.~~; ADERCA, I.; SAMUEL, I.

The infectivity of deoxyribonucleic acid isolated from an adenovirus.
(Preliminary note). Rev. sci. med. 6 no.1/2:91-93 '61.

(DESOXYRIBONUCLEIC ACID)
(ADENOVIRUS chemistry)

PORTOCALA, R.; BOERU, V.; SAMUEL, I.

Reproduction of influenza virus with the aid of viral ribonucleic acid. IV. Investigation of ribonuclease in embryonated eggs of various ages. Stud. cercet. inframicrobiol. Bucur. 12 no.1:71-75 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(INFLUENZA VIRUSES culture) (RIBONUCLEASE chemistry)
(RIBONUCLEIC ACID pharmacology)

DANIELESCU, G.; BOERU, V.; ADERCA, I.; IANCONESCU, M.

Changes in glucide metabolism in chorio-allantoic membranes in vitro, under the influence of interferon. Stud. cercet. inframicrobiol. Bucur. 12 no.1:109-115 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. ~~la Institutul de inframicrobiologie al Academiei R.P.R.~~
(GLUCOSE metabolism) (FETAL MEMBRANES metabolism)
(VIRUSES)

NICOLAU, St.S., academician; DRAGANESCU, N.; IONESCU, N.I.; BOERU, V.;
CHEN TUN HUAI

Experimental studies of the anti-rabies vaccine prepared under the influence of copper ions. Contributions concerning the mechanism of transformation of the pathogenic virus into an immunogenic one under the influence of the copper. Stud. cercet. inframicrobiol. Bucur. 12 no.2:193-203 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al
Academiei R.P.R. 1946.
(RABIES immunology) (VACCINES)
(COPPER pharmacology)

NICOLAU, St.S., academician; DRAGANESCU, N.; BOERU, V.; IONESCU, N.I.

Ultraviolet spectrophotometric investigations of ribonucleic
acid extracted from influenza virus inactivated by copper ions.

Stud. cercet. inframicrobiol. 12 no.3:285-288 '61.

(INFLUENZA VIRUSES chemistry) (RIBONUCLEIC ACID chemistry)
(SPECTROPHOTOMETRY) (COPPER)

PORTOCALA, R.; BOERU, V.; HARAGEA, S.; SAMUEL, I.

The reproduction of influenza virus with the aid of viral ribonucleic acid. VI. Spectral analysis of the ribonucleic acid. Stud. cercet. inframicrobiol. 12 no.3:303-307 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. — ~~SECRET~~
(INFLUENZA VIRUSES chemistry) (RIBONUCLEIC ACID chemistry)
(SPECTRUM ANALYSIS)

PORTOCALA, R.; IONESCU, N.I.; DMITRIESC, S.; BOERU, V.; SAMUEL, I.

Reproduction of influenza virus with the aid of viral ribonucleic acid. VII. The morphological aspect of the ribonucleic acid. Stud. cercet. inframicrobiol. 12 no.3:309-315 '61.

1. Comunicare prezentata la Institutul de inframicorbiologie al Academiei R.P.R.
(INFLUENZA VIRUSES chemistry) (RIBONUCLEIC ACID)
(MICROSCOPY, ELECTRON)

PORTOCALA, R.; SAMUEL, I.; BOERU, Vera

Action of several physical and chemical agents on the infectivity of nucleic acids isolated from viruses. I. Influence of some oxidizing and reducing substances on nucleic acid extracted from MM virus. Stud. cercet. inframicrobiol. 13 no.2:187-195 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. in sedinta.

(VIRUSES chemistry) (RIBONUCLEIC ACID virology)
(DESOXYRIBONUCLEIC ACID virology) (OXIDATION-REDUCTION)
(OXYGEN pharmacology) (HYDROGEN pharmacology) (CYSTEINE pharmacology)
(GLUCOSE pharmacology) (VITAMIN C pharmacol)

PETRESCU, Al.; ATHANASIU, Pierrette; ANDREESCU, M.; BOERU, Vera; RUTTER, G.

Cellular morphological and functional changes in white mice during anti-influenza immunization. I. The cytochemical and biochemical study of nucleic acids and nucleases in the pulmonary tissue. Stud. cercet. inframicrobiol. 13 no.2;217-221 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(INFLUENZA immunology)
(NUCLEASES chemistry)

(NUCLEIC ACIDS chemistry)
(LUNG chemistry)

PETRESCU, Al.; ATHANASIU, Pierrette;; ANDREESCU, M.;
BOERU, Vera; RUTTER, G.

Morphological and cytochemical changes in white mice during
immunization against influenza. Rev. sci. med. 8 no. 1/2:83-85
43.

(INFLUENZA VACCINE) (LUNG)

CAJAL, N.; BOERU, Vera; POPESCU, Georgeta; PRAHOVEANU, Elena; DEMETRESCU, R.

The study of nucleic acids in the liver of mice inoculated with murine hepatitis virus of the strain MHV 3. Stud. cercet. infra-microbiol. 16 no.1:3-9 '65.

POSTELNICU, D.; BOERU, Vera; IONESCU, Georgeta; TEODORU, V.

Influence of cholesterol treatment on egg production and blood lipids in chickens. Stud. cercet. endocr. 16 no.1:75-77 '65.

MILCU, St.-M. academician; POTOP, Isabela; HOLBAN, Ruxandra; GHINEA, Elena; MREANA, Georgeta; BOKEU, Vera.

The action of thymus extracts on the proliferation of cells cultured in vitro. Studii cercet. endocr. 16 no.2:129-136 '65.

POTOP, Isabela; BOERU, Vera; BIENER, Jeana

The influence of a lipoprotein extract isolated from the thymus gland on the development of experimental tumors. Stud. cercet. endocr. 16 no.1:25-31 '65.

POTOP, Isakala; BOERU, Vera; MREANA, Georgeta

Some data on the composition of some protein extracts
prepared from thymus. Comunicarile AR 13 no.10:921-927
0 '63.

Z/026/60/005/003/004/005
D221/D302

AUTHOR: Boesler, J.

TITLE: Binomial series as a substitute for differential equations

PERIODICAL: Aplikace matematiky, v. 5, no. 3, 1960, 216-224

TEXT: This paper was delivered at the Fourth Conference of Chemical Engineering in Prague. Differential equations can be conveniently expanded in binomial series which may, in the majority of cases, be substituted in a table form for calculation. This method is demonstrated on the progress of gas containing bensen (Fig. 1), the balanced condition of which is expressed by

$$\varphi a = \frac{b \cdot 100}{W}, \quad (1)$$

substituted in the differential equation $(a_0 - a) dG = db$ (2)

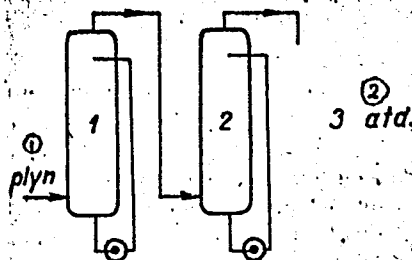
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Binomial series as a ...

Fig. 1

Legend: 1 - Gas; 2 - etc.

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D221/D302



and leading to $G = \frac{\varphi W}{100} \ln \frac{a_0 \varphi W - 100b_0}{a_0 \varphi W - a \varphi W}$. This is too involved for comfortable calculation. The process from one purifier to another (see Fig. 1 above) is, therefore, indexed from 1 to m in order to obtain

$$a_{11} = \frac{100}{\varphi W + 100} (a_1 + b_1) = K(a_1 + b_1)$$

Card 2/5

$$b_{11} = \frac{\varphi W}{\varphi W + 100} (a_1 + b_1) = KL(a_1 + b_1)$$

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D221/D302

Binomial series as a ...

and successively the following stages. For the next volume of gas in the first purifier, a_1 remains constant and the concentration of bensen in the purifying oil is b_{11} , so that

$$a_{12} = K(a_1 + b_{11}),$$

$$b_{12} = KL(a_1 + b_{11}).$$

By substituting the right hand side identity

$$a_{11} = \frac{100}{\phi W + 100} (a_1 + b_1) = K(a_1 + b_1)$$

$$b_{11} = \frac{\phi W}{\phi W + 100} (a_1 + b_1) = KL(a_1 + b_1)$$

for b_{11} one obtains

$$a_{12} = Ka_1 + K^2L(a_1 + b_1),$$

$$b_{12} = KLa_1 + (KL)^2(a_1 + b_1).$$

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Z/026/60/005/003/004/005
D221/D302

Binomial series as a ...

The outlined method has to be carried out to the fifth or the sixth volume of gas so as to have a sufficient series for the numerical evaluation of coefficients which is laborious and involved. A simpler method can be applied by using the expression

$$b_1 = \frac{b_{11}}{KL} - a_1$$

from identity

$$a_{11} = \frac{100}{\varphi W + 100} (a_1 + b_1) = K(a_1 + b_1)$$

$$b_{11} = \frac{\varphi W}{\varphi W + 100} (a_1 + b_1) = KL(a_1 + b_1)$$

and by substituting in succession always b_1 for b_{11} . In this way the value of b_1 can be evaluated before the final transit of the

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Z/026/60/005/003/004/005
D221/D302

Binomial series as a ...

ninth volume of gas is completed, b_1 being the concentration of bensen which accompanied the oil from the second to the first purifier. The concentration a_1 which remains in the gas, can be obtained by subtracting $b_{11} - b_1$ from a_1 . A numerical example is presented by means of the first method in evaluating coefficients of the series to the fourth degree. The same example is worked out by using the simple method and tabulated to the fourth degree (four purifiers) and to the seventh degree (seven purifiers) respectively as shown in the two tables in the article.

Table.

Legend: 1 - Purifier.

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Pračka 1		Pračka 2		Pračka 3		Pračka 4		
a	b	a	b	a	b	a	b	a
30	239,7		190,75		136,77		81,74	
30	235,80	26,58	185,36	21,19	130,78	15,20	75,62	9,08
30	232,10	26,21	179,74	20,59	124,72	14,53	69,49	8,40
30	227,89	25,78	173,93	19,97	118,61	13,86	63,35	7,72
30	223,21	25,32	167,93	19,32	112,47	13,18	57,21	7,04
30	218,01	24,80	161,79	18,66	106,31	12,50	51,07	6,36
30	212,32	24,22	155,54	17,97	100,15	11,81	44,93	5,67
30	205,81	23,58	149,24	17,28	94,00	11,13	38,79	4,99
30	198,68	22,86	142,90	16,58	87,86	10,44	32,66	4,31
30	190,75	22,07	136,77	15,88	81,74	9,76	26,53	3,63

BOEV, B.

"Increased Activities of the Union of Scientific-Technical Associations in Stalin", p. 1. (TEKHNICHESKO DELO, Vol. 5, no.111, Sept 1953, Sofiya, Bulgaria).

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 4, April 1954.

BOEV, Boian; STAMATOV, Todor

Role of wild animals in maintaining and spreading trichinosis and the control of the Sanitary Veterinary Service. Selskostop nauka 1 no.4/5:517-520 '62.

1. Raionna veterinarna stantsia vuv Varna.

BOEV, B.

Possibilities for the mechanization of ready-made fur articles.
Kozhi Sofia ~~4~~ 8: 8-9 '63.

1. Direktor na DIP "Bulgarska kozhukharska industriia", gara Iskur.

BOEV B.; BOSHNAKOV, T., inzh.

Development of the fur industry. Kozhi Sofia 5 no.6:11-12
164.

MATEEV, M.; BOEV, B.; KRUSTEV, V.; LIUTSKANOV, D.

Studies of brucellosis in swine. Pt. 3. Izv Vet inst zaraz
parazit 8:147-152 '64

L 08611-67 EWP(c)/EWP(k)/EWP(h)/EWP(l)/EWP(v)/EWP(t)/ETI IJP(c) RH/JD

ACC NR: AP6011868

SOURCE CODE: BU/0005/65/000/011/0501/0503

AUTHOR: Popov, Slavcho (Engineer); Boev, Dobrin (Engineer); Avramov, Dimitur (Engineer) 47
45

ORG: none

TITLE: Research on protective lead blocks produced at the Medical Instruments and Equipment Plant in Sofia.

SOURCE: Mashinostroene, no. 11, 1965, 501-503.

TOPIC TAGS: lead, nuclear protective equipment, radiation protection, nonmilitary nuclear application, medical equipment

ABSTRACT: The properties of protective lead blocks produced at the Medical Instruments and Equipment Plant (Mediko-instrumentalniya i aparaturen zavod) in Sofia were studied for the purpose of improving the manufacturing technology of the blocks for series production. The measurement were made in accordance with standards developed by the Council for Mutual Economic Assistance in the Utilization of Atomic Energy for Peaceful Purposes (SIV). The measurement results show that 1) the specific gravity of the lead blocks is 10.8 g/cm^3 within an accuracy of $\pm 0.9\%$ and satisfies the standard requirements, 2) the Brinell hardness varies from 10.5 to 11.5 kg/mm^2 , and 3) the deviation from homogeneity is smaller than the permissible deviation of

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UDC: 614.898

L 08641-67

ACC NR:AP6011868

2

10%. The flaw detector used in the investigation was designed by Sl. Ormandzhiev, an engineer, of the Physics Department. It is noted that the SIV standards are incomplete and that it is desirable to develop them further in order to improve the quality of the lead blocks which are being exported to the member countries of SIV. Orig. art. has: 5 figures and 1 table.

SUB CODE: 18,06,07/ SUBM DATE: none/ SOV REF: 004

Card 2/2 11.01

MITRANI, L.; NACHEV, Tch. [Nachev, Ch.]; TCHAKAROV, E. [Chakurov, E.];
ORMANDJIEV, S. [Ormandzhiev, S.]; BOEV, K.; KOLAROV, V.

Systems of discrimination in cytological analysis. Doklady
BAN 16 no.2:213-216 '63.

1. Note présentée par D. Orakhovats [Orakhovats, D.], membre
de l 'Académie.

MITRANI, L.; ORMANDSCHIEV, S. [Ormandzhiev, S.]; BOEV, K.; TCHAKAROF, E.
[Chakarov, E.]; NATSCHEV, Tsch. [Nachev, Ch.]; KOLAROV, W. [Kolarov, V.]

The discriminator, a cytoplanimeter. Doklady BAN 17 no.8:773-776 '64.
Doklady BAN 17 no.8:773-776 '64.

1. Lehrstuhl für Atomphysik an der Universität Sofia, Radio-
biologische Abteilung beim Ministerium für Gesundheitswesen,
Physiologisches Institut der Bulgarischen Akademie der Wissenschaften,
und Onkologisches wissenschaftliches Forschungsinstitut.

BOEV, K.; TCHACAROV, E. [Chakarov, E.]; NATSCHEV, Tsch. [Nachev, Ch.];
ORMANDSCHIEV, S. [Ormandzhiev, S.]; MITRANI, L.

Cytological analyser with a dual discriminator. Doklady BAN 17
no.11:1063-1066 '64.

1. Physiological Institute of the Bulgarian Academy of Sciences.
Submitted March 26, 1964.

BULGARIA

PAPAZOVA, M., BOEV, K., MILENOV, K., ATANASOVA, E., Institute of Physiology,
Bulgarian Academy of Sciences

"Relationship Between the Appearance of Spike Potentials in the
Electrogastromyogram and the Intensity of the Contraction Wave of the
Gastric Wall"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 3, 1966, pp 241-244

Abstract: [English article] It was established earlier that the stomach wall contracts without interruption and that there are slow polyphase changes in the electrogastromyogram corresponding to these low-amplitude contractions of the gastric wall. When these rhythmic contractions increase their amplitude, i.e., when they become stronger, there are groups of spike potentials appearing in the electrogastromyogram. Experiments with 15 dogs were made for the purpose of establishing the relationship between the appearance of spike potentials and the intensity of the contraction wave. Strain-gauges were used to record the contractions of the gastric wall. The article presents the description of experimental procedures, summarizes the results, compares the new findings with those of other authors, and discusses the possible connections between the motor and bioelectric activities of the stomach. There are 1 Bulgarian, 1 Soviet, and 7 Western references. (Manuscript received, 8 Dec 65.)

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No. 1, 1957.

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p. 243 (Izvestiia, Vol. 2, 1957, Sofia, Bulgaria)

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"Aeneolithic Skulls in the Devetaki Cave."

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(POULTRY)

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of his birth. Priroda Bulg 11 no.5:106-107 S-0 '62.

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